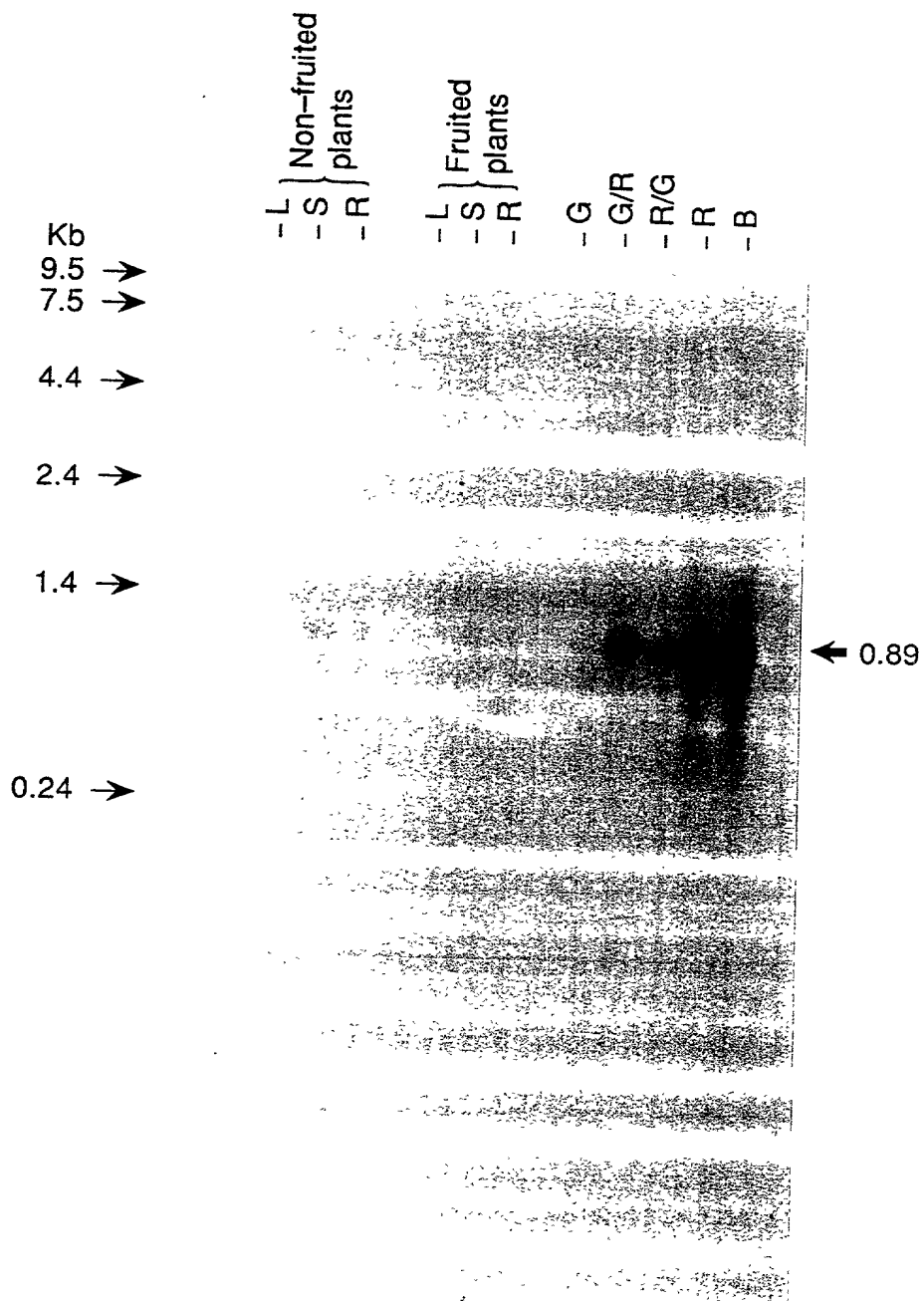


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Figure 1

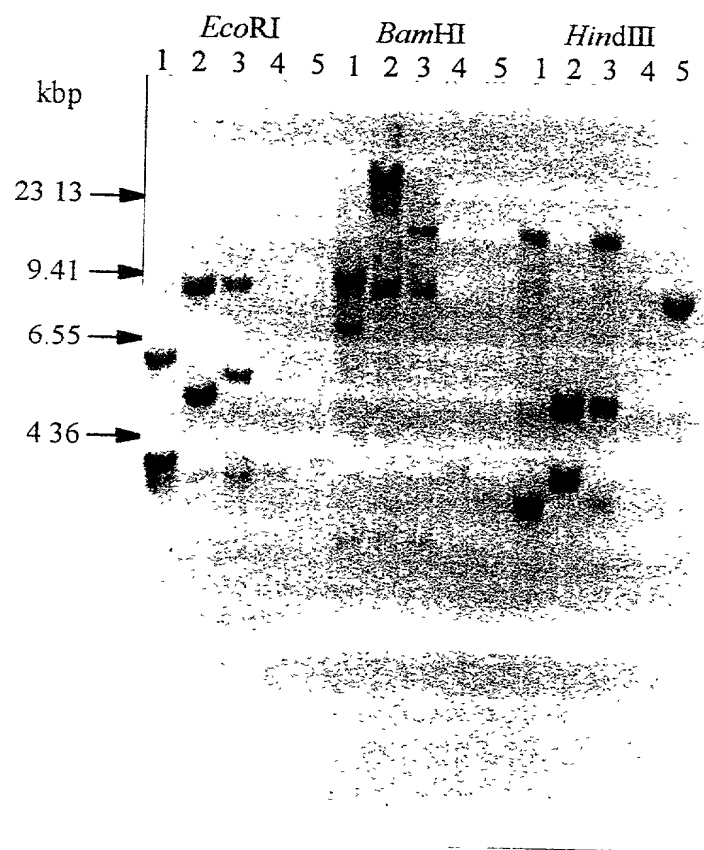


Figure 2

1 CAGCATTCCA AGAGGAAAAA AAACATGATC AAGAAGTAAT TACTACAAAA  
 51 GAGGAAGCTG TAGTAGTAAC TGCACCACCA CCATCAGAAA CAGCAGAGCC  
 101 AGCTGCAGCT GTTGTGTCGG AGGAAGAGAC AACAAAGGAG CAAGAAGAGC  
 151 CGCCAGCAGT ATCGGCCGAG GAACCTGTGG CCCCAGCTGA AGTAGAGACA  
 201 AAGGTGGAAG TTACAGAAGA ACCACCAAAA GTTGAGGAGA AACCAGCAGA  
 251 AGTAGAGGAG GCTCCAAAGG AAACAGTAGA AACAGAACCA GCTGTTGAGA  
 301 AGACCATCAA GGAGGAAACT GTAGAGGACT CTGTCGTGGC ACCTGCTCCC  
 351 GAACCGGAAG CCGAAGTCCC AAAAGAGAAG GTAATTGCTA CTACTGAAAC  
 401 TACTGAGGAA GAAGAAAAAG TGGCAGTTGA AGAAGTTGAA GTGAAAGTTG  
 451 AAACAGAGGA GGGAGAAGTT ACTGAGGAGA AGACTGAGTA AAATAAGTTG  
 501 TACAACTATT TTATGCACGC CTTATTTTCT CAATTGGAAG TTTATAATGT  
 551 AGTGGGCTTT TGGTAATATT TGGGGGTTTA ATAAGTGGTT TAAGTGGGTT  
 601 AAGGCTTTTT TGGAATTTAG ATATTTGGGT AAAGGCCTAC TTGAACAAAA  
 651 CATAGAAATT TGGCACACAT GGGTAAAAGT CAACTTTGT TGAGGATGTT  
 701 TTCTTGTTGG TTAAATGTGT GTGCCAAGTA GTAGAATGTG GTGGTTGTAA  
 751 TGTAAGTTCT CAAGTAGGGT TTATGAGTCC TAGTATTATG CTTGATTGTA  
 801 TGTTGATATG AAAATGGGGG TATGTTGGCT TTGAATAAAA GTTTTTAATT  
 851 TTATAAAAAA AAAAAAAAAA AAAAAAAAAA AA

Figure 3



1 AAACAACAAACTTTTTTCATCAATCTTCTTTCTTTAATCATCACCATGTCGAGCTGCGGAA 60  
 T T N F F I N L L S L I I T M S S C G N  
 61 ACTGCGACTGTGCCGACAAGACCAACTGCCCAAAGAAGGGAAACAGCTACGGCTTTGACA 120  
 C D C A D K T N C P K K G N S Y G F D I  
 121 TCATTGAGACCCAGAAGAGCTACGATGACGTCGTGGTGATGGATGTTTCAGGCAGCTGAGA 180  
 I E T Q K S Y D D V V V M D V Q A A E N  
 181 ATGATGGCAAGTGCAAGTGCGGCCCGAGCTGCAGTTGTGTGGGCTGCAGCTGTGGTCATT 240  
 D G K C K C G P S C S C V G C S C G H \*  
 241 AAGTTAAACACAACATTATCATGTTATAGTGAATAATGATGTGTGTGATGAATATAGGTG 300  
 301 AAAAATCTGTGGTGTGATAAAAACCGTTGGTGAATAAATAGGTGTATATTTTCGTGTGCAC 360  
 361 CTTCTACGAGTACTTGTGCTTGTGGGTGAAAGAAATATGCACCTAAGTGTGAGTTGTTT 420  
 421 TCCGTGTTTTTCGCCGTGTCCCTTGTAATGGTCATGTTTGTGTTTTCTTGTGGTTAAATT 480  
 481 AAATGAAC TAGTAATGTTATGTAAAAA 519

Figure 5

1 GGAGGAGATCACCAGTTCCACCAACACGTCGTCGTAATGAGACACGGCGATCGGATAGAC 60  
R R S P V P P T R R R N E T R R S D R Q

61 AACTTCGAGCCACTGTGGGTGAAGACGGCGGCGAACGATGGGACCCACCCTTGGTTCGATG 120  
L R A T V G E D G G E R W D P P L V D E

121 AAGGCAAGCTCCGTACCTTCCGGACAGGTCTGAAGCTCCGAACCAATTTTGATTTTCCGA 180  
G K L R T F R T G L K L R T N F D F P I

181 TCCATCGTGTCTTTGTATCACCTTTCTCCGGTGCCTACAGACAGCATCGGAAGTCATCT 240  
H R V F V S P F L R C V Q T A S E V I S

241 CCGCTCTCTGCGCCGTCGACGATATTCCCGCCACCCTAATAGAGGCGATCAAGTACAAA 300  
A L C A V D D I P A T T N R G D Q V Q I

301 TCGATCCATCCAAGATCAAGGTCTCTATTGAGTATGGATTATGTGAAATGTTGAACATGC 360  
D P S K I K V S I E Y G L C E M L N M Q

361 AAGCCATAAGACTTGGTATGGATTTTCAGCAATGGGAATTGGGGTTTCGATAAATCACACC 420  
A I R L G M D F S N G N W G F D K S H L

421 TTGAATCAACATTCCCAGTTGGGACGGTGGATCATAGTGTGGAACCACTCTATAAAGAGA 480  
E S T F P V G T V D H S V E P L Y K E M

481 TGCCAAAATGGGAAGAGACAGTCAATGGCGCAAGGGCCAGATATGAAGAGGTTATTTCAGG 540  
P K W E E T V N G A R A R Y E E V I Q A

541 CCCTAGCAGATAAAATACCCACGGAGAACTTGTGCTTGTTACACATGGGGAAGGAGTTG 600  
L A D K Y P T E N L L L V T H G E G V G

601 GCGTTGCAGTTTCTGCCTTCATGAAGGATGTTACAGTGTACGAAGCCGATTATTGTGCCT 660  
V A V S A F M K D V T V Y E A D Y C A Y

661 ATACACACGCAAGAAGATCCATTGTCTTGGGCAAAAACCAAGTCATTTACTGCTGAAAAC 720  
T H A R R S I V L G K N Q S F T A E N F

721 TTGAAGTATTACCAAAACAAGGCCAAACTGGTGTGAGTTACGTCCTTGAACAGCATTGAT 780  
E V L P K Q G Q T G V S Y V L E Q H \*

781 GGAAGTGTATGACCTAATTGTGGCAGCCGATGATTACAGAAACAATTTCCACACCTTTTT 840  
841 TCTTTTTTCGGGCATTGTCCTACATTTTATAATTAATTAGGCATTCTCATAGCTAAGGCT 900  
901 CATTGGATTACATCCCTACTTGTTTAAAGGAGACTTTGATTTGTTGCCTCCAAACAGAA 960  
961 CATATGTTGCTGTGTCATCAGCTTTTTTAACTGGGATTCTATTTTACAGTGTGTAA 1020  
1021 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1046

Figure 6

1 GTTGATGGCAGATGTGACCAACTCAGGAAAAATGCCAGGGTTGTTGCAATTGATTCTTAC 60  
V D G R C D Q L R K N A R V V A I D S Y

61 GAAGATGTTTCCTTTGAACGATGAGAACGCATTGAAAAAGGCAGTGGCTAGTCAGCCTGTG 120  
E D V P L N D E N A L K K A V A S Q P V

121 CGCGTCGCCATTGAAGGAGGTGGCAGGGATTTCCAACCTCTATCAATCAGGCGTCTTTACT 180  
R V A I E G G G R D F Q L Y Q S G V F T

181 GGATCATGTGGGACGGCCCTAGACCATGGTGTGGCTGCTGTTGGGTATGGCACAGAAAAAT 240  
G S C G T A L D H G V A A V G Y G T E N

241 GGTGTGGATTACTGGATTGTAAGGAACCTCATGGGGTGCAAGCTGGGGAGAGAGCGGCTAC 300  
G V D Y W I V R N S W G A S W G E S G Y

301 ATCAGGATGGAACGTAATCTGGCAGGCACAGCTACGGGCAAATGTGGTATTGCAATGGAA 360  
I R M E R N L A G T A T G K C G I A M E

361 GCCTCTTACCCTATTAAGAAAGGCCAAAATCCCCCAAACCCAGGACCATCTCCTCCATCT 420  
A S Y P I K K G Q N P P N P G P S P P S

421 CCAATAAAGACCTCCAACAGTTTTGTGACAATTACTATACCTTGGCTGAAAGCACCACCT 480  
P I K T S N S F V T I T I P W L K A P L

481 GCTGCTGTCTATTTGAGTTTGGCAGGTATTGCTTCGAGTGGGGATGTTGCCCACTCGAGG 540  
A A V Y L S L A G I A S S G D V A H S R

541 CTGCCACTTGCTGTGATGACCATTACAGTTGCTGCCCCACATGAGTATCCCATCTGCAACC 600  
L P L A V M T I T V A A H M S I P S A T

601 TTAATGCAGGGACGTGTATGATGAGAAGGACAACCCATTGAGTGTGAAGGCATTGAAGCG 660  
L M Q G R V \*

661 TACTCCCGCTAAACCTCATTGGGCCTTTGGGAACCGTGGCAAGAGCAGCAGTGCTTAAGA 720  
721 ACATTGTGTCATCTATACAGTGAAAGTAAAACGAGGATGAAAAGTTGTATCAGGCAGGGC 780  
781 TTGATGATCTCCTCGGTTTTATAGTACCGCATACCCCTCATTCTCCATTAAGGTATATAC 840  
841 ATATGGACGGTTTATCAAAGTTTATTTCAGATGCTAATTATGTATATATCATTCTCAGTC 900  
901 TCTGTATTTCAATTTAACGAGAACATAAACAGATCGTTATCAGCTACCAATTTCCACTGT 960  
961 AATCACGTTATCAATTATTTACTGGCCTCGCTGAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1017

Figure 7

1 CGGTTCAATCGCTGGATCAATCGAGCATATGGCGATGTATCCGGTTGATACGCTTAAAC 60  
G S I A G S I E H M A M Y P V D T L K T

61 TCGCATACAGGCTATTGGGTCATGTTCCGGCTCAATCCGCCGGTCTCCGACAAGCCCTTGG 120  
R I Q A I G S C S A Q S A G L R Q A L G

121 GTCGATACTGAAAGTTGAAGGTCCCGCCGGACTTTACCGTGGCATTGGTGCAATGGGTCT 180  
S I L K V E G P A G L Y R G I G A M G L

181 CGGTGCAGGACCAGCTCACGCAGTGTATTTCTCCGTTTACGAGATGTGTAAGGAGACTTT 240  
G A G P A H A V Y F S V Y E M C K E T F

241 TTCTCATGGTGATCCGAGCAATTCCGGTGCGCACGCCGTTTCGGGGGTGTTTCGCGACGGT 300  
S H G D P S N S G A H A V S G V F A T V

301 GGCAAGCGACGCCGGTGATTACGCCGATGGATGTGGTGAAACAGAGGTTGCAGTTGCAGAG 360  
A S D A V I T P M D V V K Q R L Q L Q S

361 CAGTCCGTACAAGGGTGTGTTGATTGCGTGAGGAGGGTGTGGTAGAAGAAGGGATTGG 420  
S P Y K G V V D C V R R V L V E E G I G

421 CGCATTTTACGCATCTTATCGAACAACGTGGTTCATGAATGCCCCGTTTACGGCCGTTCA 480  
A F Y A S Y R T T V V M N A P F T A V H

481 CTTCCGCACATATGAAGCCACGAAGAAAGGGTGTGGAGGTGTGCGCCGGAGACTGCGAA 540  
F A T Y E A T K K G L L E V S P E T A N

541 CGATGAGAATTTGTTAGTGCATGCTACTGCTGGTGCTGCTGCTGGAGCTTTGGCTGCAGT 600  
D E N L L V H A T A G A A A G A L A A V

601 AGTAACCACTCCACTAGATGTTGTCAAACACTCAGTTGCAGTGCCAAGGTGTTTGC GGATG 660  
V T T P L D V V K T Q L Q C Q G V C G C

661 CGACAGATTTTCTAGCAGTTCGATTCCAGGATGTTATAGGAAGCATAGTGAAGAAAAATGG 720  
D R F S S S S I Q D V I G S I V K K N G

721 ATATGTCGGGTTAATGAGGGGGTGGATTCCCAGAATGCTATTTTCATGCTCCTGCTGCAGC 780  
Y V G L M R G W I P R M L F H A P A A A

781 AATCTGCTGGTCTACTTATGAAGCCTCCAAAACATTCTTTCAAAAACCTCAATGAGAGCAA 840  
I C W S T Y E A S K T F F Q K L N E S N

841 TAGCAACAGCTCAGTTACCTAAGATTTTCATATGTTTTTGTGCTCTACTAGGCTTATCCA 900  
S N S S V T \*

901 AAATCATGTCGATTGGTTTCACTTCACCACAGTTGCCATGAACAACTCAAAGCATCGAAT 960

961 TTTACATGTATATTATGCAATCTAGATGCTTCTTGATATTTATTTTTATTTTTCTTTTC 1020

1021 CAACTTTTGTAAATTAGAATTAGCTACTATGGTTATGGCATGGAGTGTTTATAATTGCTA 1080

1081 ATATCATCGTATAAGCAATGCTATTTGAGAAATTGTGGTGTAAGGTTAGAGTAATGTTAT 1140

1141 TTGCACAACTCCACTTACATAGACCGCGGGACTCATTAAAAAAAAAAAAAAAAAAAAA 1195

Figure 8



1 GATCTTATAT TGGAGATGA AAGTTTCANA TTACTCTATA TGTAACTCTC AA'AAATCA AGCTTTTGTAT CATATAAATC GAATCCACCA CACAATAAT  
 101 ATGAATTTCT TTGACTCTTT GTCTCTGTAC CAAATPACGC ACACCCACAA AATTCCTTTT TGTATTATAT TGGTTTATA TTTTATAAC GTTTTGGTAT  
 201 TCAACACATCA TATAAGTAAG GGGGATATTT ATTCGGACTC CTCCAAAAC TTATGACATTT GTGATTACAC ATTTGAATGA CAGAAGTTTT TGATGAAGTG  
 301 CCAATATCAA TCCTTTCTTA ATTGCTTCAT AAGGGTGT TTTGTAATTA AAGAAGAT AAGGAATTT AGCAAGAAGT GCATTATTGG GACTGGTATA  
 101 TATGACAAGG ATCTGACGAG GCAAGNAAG AAGTGGTGC CTGAGTCAGG TGTCTCCCAT CTGTCAATAT TC'T'CAAAAG AGAGTCCACC ATCTCATAGA  
 501 TGAGATTTAG AAAGTGTTT CCACAAAAA ATATGACACA ACCATCCAT GAACCAATAA AATCATGACA GGTATCATTT TCTTCTATT TTTTCTCTC  
 601 AAGATANTAA TACTATTAG TGTCTTTAAC ACCGGCTAA CTTTGCAATT CTTCGCAATT GGTGACTTTT TATGGCCAA TTGNGGCTTG AAGGAATAA  
 701 AAAGGAAGT CT'TTTCTTG AACCCATATG GAAGCAATTT CAATGAGAGA GATAGAGAGG AGGATGGAG AT'GGGGTGG AGAATTGATA CGGATCTTTT  
 801 TTAATTGGA TATGTAAATC ACTCAGAAC ACGTATACCA TATATGCATC AATGTCATG TCACAGAAA CGTAACCTCAG GAACACATTT CGTAACATGC  
 901 ATGCACCAAT CATACAT'AT AACATAGTGT TAGACAATA AAGATCTTT AGTCGTAGA GCATTAGCTC GTGACAGAA CAAAACGCG GATTCGCCAC  
 1001 CTAAAGAGG GTATATCTTT TATTCATATA TC'TACTTTTG ATATGACCTA AACCTTGTGT CACCCACAAAT GTTCAGTACG ATCGNTAATT GTTTGACTTG  
 1101 TGUGGATGA GAATATGTAT GAGACTGGCC ATTAGTTTTTA GCCGGATGTG ATTTGGGTAT ATTGATGACA ATATAGATA TATAAAACTT GAACAAAACA  
 1201 ATTCTCAAC AATTTAAACT A'AAAGTAAAT CT'CCCTCAG ATGATAAAT AATGGTAGA ATATCGTGTG A'TACCCCA ATATTTTAAA ATCTCAGCA  
 1301 AATACTGTA TTCTTTTCT TCGAAGCGAA ATTCCTTCCT TCCAAACACC TTAACAATG TAAATTCGT TAGTAAGATT AATTTGAAA TGATAACACA  
 1401 AGAGTGAATA AAGGTATGG TCACCTACTT ACCCACTGC ACAAACACA CAGCACACA TCCAAAAGTA GTAGTATGAT TACACACATT TGAAAAATG  
 1501 ACCTCCATTA TTTTAGCCAC CTCTCTTGA AAAAGATTA CAACAATTT ACTCCTATCA TTATTATAAA AATAGTAGCA TAACCTCATC TCCATCCAC  
 1601 ACCATATATTT TTA'ATTATTT GCCAACATG CTAAAGCTTT CTGTATATCA GTGAATATGT GTGTCAANT CC'CAAGATTC TTCATGTGCC CTCTCTCTCT  
 1701 CTCTCTCTCT CTCTCTCTCT CCTCCTCCTC TCCTCTCTCT ATCAACTTGA GGGCTTAGG ACCTCTATAT AAACCTCTCT CAATTGATCA TCCTCTGC

← Putative promoter sequence

Figure 9

1 GATCTTATATTGAGGATGCAAAGTTTCAAATTACCTGATATGTAAGTCTCAACAAAATCA 60  
61 AGCTTTTGTATCATATAAATCGAAACCAACACACAATAATTATGAATTTCTTTGACTCTTT 120  
121 GTCTCTGTACCAAAATACGCACACCACAAAAAATCTTTTTGTATTATATTCTGTTTTTTA 180  
181 TTTTTTTAACGTTTTGGTATTCAAACATCATATAAGTAAGGGGGAATATTATTCCGGACTC 240  
241 CTCCAAAAAATTATGACATTGTGATTACACATTTGAATGACAGAAGTTTTTGATGAAGTG 300  
301 CCAATATCAATCTTTTCTTAATTGCTTCATAAAGGGTGTTTTTGTAAATAAAAAGAAAGAT 360  
361 AAGGAAATTTAGCAAGAAGTGCAATTATTGGGACTGGTATATATGACAAGGATCTGACGTG 420  
421 GCAAAGAAAGAAAAGTGGGTCTGAGTCAGGTGTGTCCCATCTGTCAATATTCTTCAAAAG 480  
481 AGAGTCCACCATCTCATAGATGAGATTAGAAAAGTGGTTTTCCACAAAAAATATGACACA 540  
541 ACCCATCCATGAACCAATAAAAAACATGACAGGTCATCATTTCTTTCTATTTTTTCTCTC 600  
601 AAGATAATAATACCTATTAGTGTCTTTAACACCGGCCTAACTTTGCATTTCTTGTCAATT 660  
661 GGTGACTTTTTATTGCCCAATTGTGGCTTGAAGGAAATAAAAAGGAAAGTCTTTTTCTTG 720  
721 AACCCTATATGGAAGCAATTTCAATGAGAGAGATAGAGAGGAGGGATGGAGATTGGGGTGG 780  
781 AGAATTGATACGGATCTTCTTTAATTGGTATATGTAAATCACTCAGAAACACGTATACCA 840  
841 TATATGCATCAATGTCAATGTACAGAAAACGTAACCTCACGAACACATTTTCGTAACATGC 900  
901 ATGCACCAATCATACATTATAACATAGTGTTACGACAATAAAAGATCTTTAGTCGTAAGA 960  
961 GCATTAGCTCGTGACAAGAACAAAAACGTGGATTCCCAACCTAAAGAAGGGTATATCTTT 1020  
1021 TATTATATATCTACTTTTGATATGACCTAAACCTTGTGTCAACCCACAATGTTCAAGTACG 1080  
1081 ATCGATAATTGTTTTGACTTGTGTGGGATGAGAAAATGTATGAGACTGGCCATTAGTTTTA 1140  
1141 GCCGGATGTGATTTGGGTATATTGATGACAATATAAGATATATAAACTTGAACAAAACA 1200  
1201 ATTTCTCAACAAATTAACTACAAGATAATCTCCCTTCAGATGATAAACTAAATGGTAGA 1260  
1261 ATATCCGTTGAGTACCCCAATAATTTAAATCTCCAGCAAATACTGTGATTCCTTTTCT 1320  
1321 TCGAAGCGAAATTCCTTCCTTCCAAACACCTTAACAAATGTAAATTCGTTAGTAAGATT 1380  
1381 AAATTTGAAATGATAACACAAGAGTGAATAAAGGTCATGGTCACCTACTTACCCCACTGC 1440  
1441 ACAAAACACACAAGCACATCCAAAGTAGTAGTATGATTACACACATTTGAPAAAAATG 1500  
1501 ACCTCCATTATTTTTAGCCCTCTCTTGTAAAAAAGATTACAAACAAATTACTCCTATCA 1560  
1561 TTATTATAAAAAATAGTAGCATAACCTCATCTCCAATCCACACCATATATTTTACATTATT 1620  
1621 GCCAAACATGCTAAAAGCTTCTTGTATTTCAGTGAAAATGTGGTGTCAAATCCCAAGATT 1680  
1681 TTCATGTGCCCT 1740  
1741 ATCAACTTGAGGGCTTTAGGACCTCTATATAAACCCTCTCTCAATTGATCATCTCTGCATC 1800  
1801 ACACTCTCAAGCATTCTTTCTCTCTACTTTCTTTTAGGTCAACTACACTTCCCTTTGAGT 1860  
1861 TTCCAATGGCCACTGTTGAGGTAAATCAAGTGATATATACATAAATTTTATTTGAAAGAT 1920  
M A T V E  
1921 GATTGATTCAAAGAGAACCCTTTTGTGTTTTCTTTAATAAGATCCATGTATATGAAGTTT 1980  
1981 TAATGTTTCATGTTTTTTTTATTTTTTGTAAATTTTTTTTTAATTTAGGCATTTTGTCAAT 2040  
2041 ATCCCATTTGTGAAAAGATCTGTTTTCTTTTGGAAAGAGATTAGAATTCGTTTCGTGTCTGA 2100  
2101 TTCATCATGAAAATCAATCTGGGTCTAGCTTTAATTGTGCTGATCTTGACCGGACTGTGA 2160  
2161 GATGATTCTGTTTTATATGTAGGCCCAATAGAGAGTGATAGTATCCCGAAATAATACAAA 2220  
2221 TCCGAGCAAACATAATCCTCAATAGTAACCTTGTAAATCTCTAAATAATCAAAAAATAAT 2280  
2281 GCTTATTGGGGTGATTGGTGTGTTTGATGCAGGTTGTATCAGCGCAGACAGCATTCCAAG 2340  
V V S A Q T A F Q E  
2341 AGGAAAAAAAACATGATCAAGAAGTAATTACTACAAAAGAGGAAGCTGTAGTAGTAAGT 2400  
E K K H D Q E V I T T K E E A V V V T A  
2401 CACCACCACCATCAGAAACAGCAGAGCCAGCTGCAGCTGTTGTTGCCGAGGAAGAGACAA 2460  
P P P S E T A E P A A A V V A E E E T T  
2461 CAAAGGAGCAAGAAGAGCCGCCAGCAGTATCGGCCGAGGAACCTGTGGCCCCAGCTGAAG 2520  
K E Q E E P P A V S A E E P V A P A E V  
2521 TAGAGACAAAGGTGGAAGTTACAGAAGAACCACCAAAAGTTGAGGAGAAACCAGCAGAAG 2580  
E T K V E V T E E P P K V E E K P A E V  
2581 TAGAGGAGGCTCCAAAGGAACAGTAGAAACAGAACCAGCTGTTGAGAAGACCATCAAGG 2640  
E E A P K E T V E T E P A V E K T I K E

Figure 10 a

2641 AGGAAACTGTAGAGGACTCTGTGCGTGGCACCTGCTCCCGAACC GGAAGCCGAAGTCCCAA 2700  
       E T V E D S V V A P A P E P E A E V P K  
 2701 AAGAGAAGGTAATTGCTACTACTGAACTACTGAGGAAGAAGAAAAAGTGGCAGTTGAAG 2760  
       E K V I A T T E T T E E E E K V A V E E  
 2761 AAGTTGAAGTGAAAGTTGAAACAGAGGAGGGAGAAGTTACTGAGGAGAAGACTGAGTAAA 2820  
       V E V K V E T E E G E V T E E K T E \*  
 2821 ATAAGTTGTACAAC TATTTTATGCACGCCTTATTTTCTCAATTGGAAGTTTATAATGTAG 2880  
 2881 TGGGCTTTTGGTAATATTTGGGGGTTTAAATAAGTGGTTTAAAGTGGGTTAAGGCTTTTTTG 2940  
 2941 GAATTTAGATATTTGGGTAAAGGCCTACTTGAACAAAACATAGAAATTTGGCACACATGG 3000  
 3001 GTAAAAGTCAAAC TTTGTTGAGGATGTTTTCTTGTTGGTTAAATGTGTGTGCCAAGTAGT 3060  
 3061 AGAATGTGGTGGTTGTAATGTAAGTTCTCAAGTAGGGTTTATGAGTCCTAGTATTATGCT 3120  
 3121 TGATTGTATGTTGATATGAAAATGGGGGTATGTTGGCTTTG AATAAAAAGTTTTTAATTTT 3180  
 3181 ATATAATAAGTGTATTTTGTTTAATATCATTCTTTCATTCTCTCGGATCAACTACTGAT 3240  
 3241 CATCGCCTTGGTAAGCTATTGCCTCACCAACTAGCTAATCGAACGCGAGCCC 3292

Figure 10b